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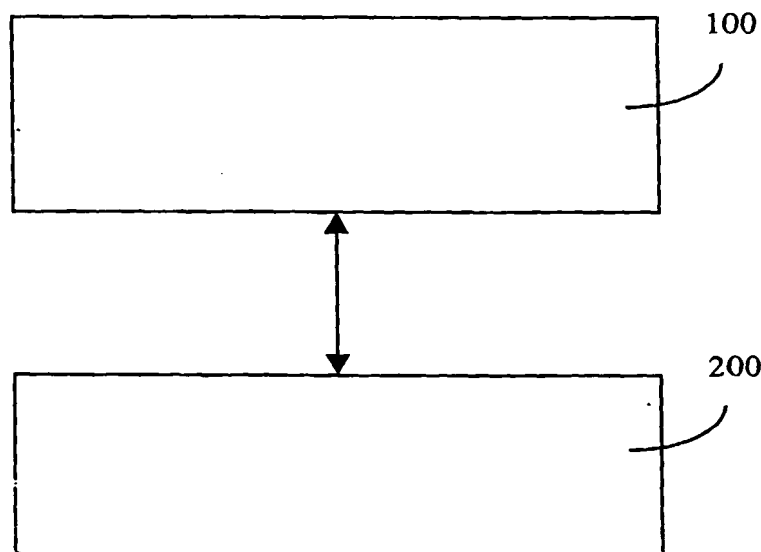
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(54) Title: SYSTEM AND METHOD FOR DIMENSIONING A CDMA NETWORK



(57) Abstract: The present invention relates to a method for dimensioning a network based on code division multiple access techniques or CDMA for input parameters representing coverage requirements and/or capacity requirements and/or quality requirements able to provide at least a value of maximum sustainable load per cell (η_{MAX}) given a plurality of services provided, comprising the steps of: determining a load factor per cell (η_{UL} , η_{DL}) based on input parameters; characterised by the steps of: verifying whether the determined load factor (η_{UL} , η_{DL}) corresponds to the maximum sustainable load (η_{MAX}) of a base terminal station and, if the determined load factor (η_{UL} , η_{DL}) exceeds the maximum sustainable load factor (η_{MAX}); negotiating at the radio resource management (RRM) level at least one of the services provided in said network in such a

way that the determined load factor (η_{UL} , η_{DL}) becomes less than or equal to the maximum sustainable load (η_{MAX}) or is optimised taking into account the characteristics of the network.